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## THE UNITED STATES PATENT AND TRADEMARK OFFICE

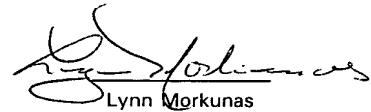
Applicant: FREDEKING *et al.*  
Serial No.: 10/038,557  
Filed: January 3, 2002

For: COMPOSITIONS AND METHODS  
FOR TREATING HEMORRHAGIC  
VIRUS INFECTIONS AND OTHER  
DISORDERS

Art Unit: Unassigned  
Examiner: Unassigned

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents  
Washington, D.C. 20231, on this date.

02/20/02  
Date

  
Lynn Morkunas

## TRANSMITTAL LETTER

Commissioner for Patents  
Washington, D.C. 20231

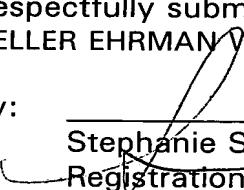
Dear Sir:

Transmitted herewith are an Information Disclosure Statement and Forms PTO-1449 (40 Pages) for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a First Office Action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 50-1213, as stated below:

- The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,  
HELLER EHRMAN WHITE & McAULIFFE LLP

By: \_\_\_\_\_

  
Stephanie Seidman  
Registration No. 33,779

Attorney Docket No. 24881-301D

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: FREDEKING *et al.*  
Serial No.: 10/038,557  
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For: **COMPOSITIONS AND METHODS FOR  
TREATING HEMORRHAGIC VIRUS  
INFECTIONS AND OTHER DISORDERS**

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Lynn Morkunas

**INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE  
WITH 37 C.F.R. §§ 1.97-1.98**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Since this Information Disclosure Statement is filed before the receipt of a first Office Action on the merits for the above-captioned application, no filing fee is due. If it is determined that a fee is due, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1213.

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§ 1.97-1.98. The Forms PTO-1449 (40 pages) are provided herewith. In accordance with 37 C.F.R. § 1.98(d), copies of the references marked with an asterisk are not provided herewith, as they have been previously provided in connection with application U.S. Serial Nos. 09/301,274 and 09/562,979, which are relied upon for an earlier filing date in accordance with 35 U.S.C. § 120.

The documents listed on the Forms PTO-1449 are in the English language with the exception of items JP, QG, QI, QM, QP, RE, TD, TO, TP, US, WF, and WX. Item JP (Japanese Patent No. 0038841) is in the Japanese language and was supplied with an English language Derwent Abstract in the parent case. Items QG, QI, QM, QP, RE, TD, TO, TP, WF, and WX are in a foreign language and were supplied with English language abstracts in the parent case. Item US is in the Russian language and was supplied with a certified English language translation in the parent case. Hence, in accordance with the

**U.S.S.N. 10/038,557**  
**FREDEKING *et al.***  
**Information Disclosure Statement**

requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Applicant also makes known to the Examiner the following co-pending U.S. and International applications that have one or more common inventors and/or one or more common owners:

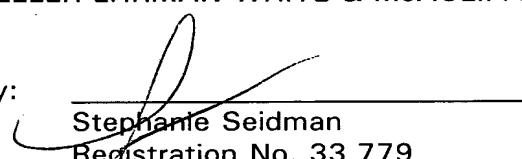
<u>U.S.S.N.</u>	<u>Filing Date</u>	<u>Docket No.</u>
09/301,274	04/27/99	301
09/562,979	04/27/00	301B
09/840,707	04/23/01	301C
<u>Int'l App. No.</u>	<u>Filing Date</u>	<u>Docket No.</u>
PCT/US00/11700	04/26/00	301PC

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing references and information and that they be made of record in the file history of the above-captioned application.

Respectfully submitted,  
HELLER EHRMAN WHITE & McAULIFFE LLP

By:

  
Stephanie Seidman  
Registration No. 33,779

Attorney Docket No. 24881-301D  
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FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
24881-301D      SERIAL NO.  
10/038,557LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
FREDEKING *et al.*FILING DATE  
January 3, 2002      GROUP  
1646

\*\* Copies of articles not enclosed.

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
*	AA			H	1	5	0	9	12/05/95	Eran <i>et al.</i>	530	383	06/04/93
*	AB	R	E	2	9	6	9	8	07/11/78	Fekete <i>et al.</i>	260	112 B	04/06/76
*	AC	R	E	3	4	6	5	6	07/05/94	Golub <i>et al.</i>	514	152	05/04/92
*	AD	R	E	3	5	4	5	0	02/11/97	Dower <i>et al.</i>	530	351	06/14/93
*	AE	2	4	8	2	0	5	5	09/13/49	Duggar <i>et al.</i>	167	65	02/11/4/
*	AF	2	5	1	6	0	8	0	07/18/50	Sobin <i>et al.</i>	167	65	11/28/49
*	AG	2	6	9	9	0	5	4	01/11/55	Conover	260	559	10/09/53
*	AH	2	7	1	2	5	1	7	07/05/55	Gourevitch <i>et al.</i>	195	114	03/03/54
*	AI	2	8	7	8	2	8	9	03/17/59	McCormick <i>et al.</i>	260	559	05/28/56
*	AJ	2	8	8	6	5	9	5	05/12/59	Heinemann <i>et al.</i>	260	559	09/30/58
*	AK	2	8	9	9	4	2	2	08/11/59	Winterbottom <i>et al.</i>	260	207	08/31/56
*	AL	2	9	8	7	4	4	9	06/06/61	Miller <i>et al.</i>	195	80	02/23/60
*	AM	3	0	0	5	0	2	3	10/17/61	Miller	260	559	04/05/57
*	AN	3	0	1	2	9	4	6	12/12/61	Szumski	195	80	11/16/60
*	AO	3	0	1	9	1	7	2	01/30/62	Goodman <i>et al.</i>	195	80	03/14/60
*	AP	3	0	1	9	1	7	3	01/30/62	Arishima <i>et al.</i>	195	80	06/04/56
*	AQ	3	0	2	6	3	5	4	03/20/62	Blackwood <i>et al.</i>	260	559	12/15/60
*	AR	3	0	5	0	4	4	6	08/21/62	Goodman <i>et al.</i>	195	80	07/28/60
*	AS	3	0	5	3	8	9	2	09/11/62	Sieger, Jr. <i>et al.</i>	260	559	04/27/60
*	AT	3	1	4	8	2	1	2	09/08/64	Boothe <i>et al.</i>	260	559	12/22/61
*	AU	3	1	5	4	4	7	6	10/27/64	Neidleman	195	80	04/29/63
*	AV	3	2	0	0	1	4	9	08/10/65	Blackwood <i>et al.</i>	260	559	05/05/61
*	AW	3	2	2	6	4	3	6	12/28/65	Petisi <i>et al.</i>	260	559	05/17/63

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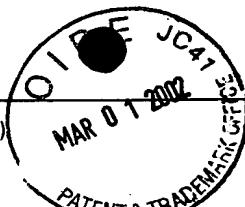
DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: COMPOSITIONS AND METHODS FOR TREATING HEMORRHAGIC VIRUS INFECTIONS AND OTHER DISORDERS

Mail date: 02/20/02

FORM PTO-1449 (Modified)



**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

ATTY. DOCKET NO. 24881-301D	SERIAL NO. 10/038,557
<b>APPLICANT</b> <i>FREDEKING et al.</i>	
FILING DATE January 3, 2002	GROUP 1646

\*\* Copies of articles not enclosed.

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE
*	AX	3	3	0	1	8	9	9	01/31/67	Kaplan <i>et al.</i>	260	559	11/27/63	
*	AY	3	4	6	4	8	9	0	09/02/69	Weichselbaum	196	66	03/01/65	
*	AZ	3	5	3	6	8	0	9	10/27/70	Applezweig	424	28	02/17/69	
*	BA	3	5	9	8	1	2	3	08/10/71	Zaffaroni	128	268	04/01/69	
*	BB	3	6	3	0	2	0	0	12/28/71	Higuchi	128	260	06/09/69	
*	BC	3	6	3	1	0	1	8	12/28/71	Shanbrom <i>et al.</i>	260	112	05/01/70	
*	BD	3	6	4	7	0	7	0	03/07/72	Adler	210	83	06/11/70	
*	BE	3	6	5	2	5	3	0	03/28/72	Johnson <i>et al.</i>	260	112	08/28/67	
*	BF	3	6	8	2	8	8	1	08/08/72	Fekete <i>et al.</i>	260	112	06/19/69	
*	BG	3	7	8	0	9	3	5	12/25/73	Lukacs <i>et al.</i>	233	1 A	06/10/72	
*	BH	3	8	4	5	7	7	0	11/05/74	Theeuwes <i>et al.</i>	128	260	06/05/72	
*	BI	3	8	4	7	7	7	0	11/12/74	Radlowe <i>et al.</i>	204	159.23	11/12/73	
*	BJ	3	8	5	2	1	9	4	12/03/74	Zine, Jr.	210	83	12/11/72	
*	BK	3	9	1	6	8	9	9	11/04/75	Theeuwes <i>et al.</i>	128	260	02/07/74	
*	BL	3	9	3	2	4	9	0	01/13/76	Fernandez	260	501.11	12/04/72	
*	BM	3	9	4	7	5	1	7	03/30/76	Muxfeldt <i>et al.</i>	260	559	12/29/72	
*	BN	3	9	5	7	9	7	2	05/18/76	Weber <i>et al.</i>	424	80	06/28/72	
*	BO	3	9	5	7	9	8	0	05/18/76	Noseworthy	424	227	06/10/74	
*	BP	3	9	6	2	1	3	1	06/08/76	Faubl <i>et al.</i>	252	429 R	01/28/75	
*	BQ	3	9	6	2	3	3	0	06/08/76	Cotti	260	559	09/24/74	
*	BR	3	9	6	2	4	3	5	06/08/76	Grunberg <i>et al.</i>	424	227	12/09/74	
*	BS	3	9	7	3	0	0	2	08/03/76	Hagan <i>et al.</i>	424	101	05/01/75	
*	BT	3	9	8	3	1	7	3	09/28/76	Hartung <i>et al.</i>	260	559	10/31/74	

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EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE
*	BU	3	9	9	3	6	9	4		11/23/76	Martin <i>et al.</i>	260	559	04/11/75
*	BV	4	0	0	8	7	1	9		02/22/77	Theeuwes <i>et al.</i>	128	260	02/02/76
*	BW	4	0	1	8	8	8	9		04/19/77	Armstrong	424	80	01/02/76
*	BX	4	0	2	0	1	6	2		04/26/77	Ghilardi <i>et al.</i>	424	227	02/07/75
*	BY	4	0	2	5	5	0	0		05/24/77	Garcia <i>et al.</i>	260	112 B	11/21/75
*	BZ	4	0	6	0	6	0	5		11/29/77	Cotti	424	227	09/25/75
*	CA	4	0	6	1	6	7	6		12/06/77	Villax	260	559	03/23/76
*	CB	4	0	6	6	6	9	4		01/03/78	Blackwood <i>et al.</i>	260	559	01/22/73
*	CC	4	0	6	9	2	1	6		01/27/78	Shanbrom	260	112 B	01/30/76
*	CD	4	0	7	5	1	9	3		02/21/78	Campbell <i>et al.</i>	260	112 B	11/26/76
*	CE	4	0	8	1	5	2	7		03/28/78	Armstrong <i>et al.</i>	424	80	12/07/76
*	CF	4	0	8	1	5	2	8		03/28/78	Armstrong	424	80	12/07/76
*	CG	4	0	8	2	7	3	4		04/04/78	Stephan	260	112 B	05/19/76
*	CH	4	0	8	6	3	3	2		04/25/78	Armstrong	424	80	12/07/76
*	CI	4	0	8	9	9	4	4		05/16/78	Thomas	424	101	10/05/76
*	CJ	4	1	0	4	2	6	6		08/01/78	Wickerhauser	260	112 B	04/14/77
*	CK	4	1	2	4	5	7	6		11/07/78	Coval	260	112 B	12/03/76
*	CL	4	1	4	0	6	3	1		02/20/79	Okuda <i>et al.</i>	210	83	09/29/77
*	CM	4	1	5	4	8	1	9		05/15/79	Stephan	424	101	09/07/76
*	CN	4	1	6	4	4	9	6		08/14/79	Hao	260	122	08/23/78
*	CO	4	1	6	8	3	0	3		09/18/79	Nishida <i>et al.</i>	424	85	06/07/78
*	CP	4	1	7	0	6	3	9		10/09/79	Liu <i>et al.</i>	424	101	07/10/78
*	CQ	4	1	9	7	2	3	8		04/08/80	Murata <i>et al.</i>	260	122	08/22/78

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*	CR	4	2	0	3	8	9	1	05/20/80	Rock	260	112 B	12/29/77
*	CS	4	2	1	0	5	8	0	07/01/80	Amrani	260	112 B	06/19/79
*	CT	4	2	2	2	9	3	4	09/16/80	Hao	260	122	04/12/79
*	CU	4	2	5	1	4	3	7	02/17/81	Rasmussen <i>et al.</i>	260	112 B	10/26/79
*	CV	4	2	5	9	3	3	1	03/31/81	Armstrong	424	227	04/16/79
*	CW	4	2	8	9	6	9	1	09/15/81	Rock <i>et al.</i>	260	112 B	11/26/80
*	CX	4	3	4	7	1	3	8	07/31/82	Ohno <i>et al.</i>	210	639	12/03/80
*	CY	4	3	4	8	3	1	5	09/07/82	Blomback <i>et al.</i>	260	112 B	12/11/80
*	CZ	4	3	7	4	7	6	3	02/22/83	Takagi	260	112 B	08/28/80
*	DA	4	3	7	6	1	1	8	03/08/83	Daher <i>et al.</i>	424	227	05/19/81
*	DB	4	3	8	3	9	8	9	05/17/83	Rock	124	101	11/02/81
*	DC	4	3	8	6	0	6	8	05/31/83	Mitra <i>et al.</i>	424	101	02/26/80
*	DD	4	3	8	6	0	8	3	05/31/83	Hacke <i>et al.</i>	424	227	09/17/81
*	DE	4	3	9	9	1	2	7	08/16/83	Hacke <i>et al.</i>	424	227	09/08/81
*	DF	4	4	0	4	1	3	1	09/13/83	Schwarz <i>et al.</i>	260	112 B	07/29/81
*	DG	4	4	1	8	0	6	0	11/29/83	Kahan nee Laszlo <i>et al.</i>	424	227	09/17/79
*	DH	4	4	3	5	3	1	8	03/06/84	Pabst <i>et al.</i>	260	112 B	05/22/81
*	DI	4	4	3	6	7	2	4	03/13/84	Ohnishi <i>et al.</i>	424	101	05/26/82
*	DJ	4	4	7	7	5	7	5	10/16/84	Vogel <i>et al.</i>	436	170	08/04/81
*	DK	4	5	2	2	7	5	1	06/11/85	Linnau <i>et al.</i>	260	112 B	05/18/84
*	DL	4	5	2	2	8	1	1	06/11/85	Eppstein <i>et al.</i>	514	2	07/08/82
*	DM	4	5	4	3	2	1	0	09/24/85	Mitra <i>et al.</i>	260	112 B	10/04/84
*	DN	4	5	8	4	1	3	5	04/22/86	Balint <i>et al.</i>	260	351.6	09/29/83

EXAMINER

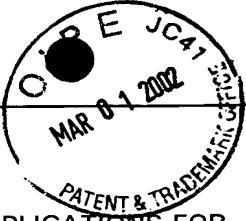
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APPLICANT FREDEKING <i>et al.</i>
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FILING DATE January 3, 2002	GROUP 1646
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
*	DO	4	6	6	6	8	9	7	05/19/87	Golub <i>et al.</i>	514	152	12/29/83
*	DP	4	6	8	7	6	1	0	08/18/87	Vassilatos	264	211.14	04/30/86
*	DQ	4	6	9	2	3	3	1	09/08/87	Uemura <i>et al.</i>	424	85	02/24/84
*	DR	4	7	0	1	3	2	0	10/20/87	Hasegawa <i>et al.</i>	424	54	11/26/85
*	DS	4	7	0	4	3	8	3	11/03/87	McNamara <i>et al.</i>	514	152	02/07/85
*	DT	4	7	4	3	6	8	0	05/10/88	Mathews <i>et al.</i>	530	383	02/01/85
*	DU	4	7	6	9	0	2	7	09/06/88	Baker <i>et al.</i>	424	493	02/24/87
*	DV	4	7	7	2	6	8	5	09/20/88	Schmidt <i>et al.</i>	530	326	11/02/85
*	DW	4	7	7	8	8	0	6	10/18/88	Bender <i>et al.</i>	514	336	08/19/86
*	DX	4	7	8	0	4	7	0	10/25/88	Bender <i>et al.</i>	514	341	08/19/86
*	DY	4	7	9	4	1	1	4	12/27/88	Bender <i>et al.</i>	514	333	06/17/87
*	DZ	4	8	0	3	1	5	3	02/07/89	Shibata <i>et al.</i>	435	2	03/18/86
*	EA	4	8	1	4	4	3	5	03/21/89	Schwarz <i>et al.</i>	530	383	10/15/87
*	EB	4	8	2	9	0	5	7	05/09/89	Brox <i>et al.</i>	514	152	05/13/88
*	EC	4	8	3	5	2	5	7	05/30/89	Friedrich-Fiechtl <i>et al.</i>	530	387	11/19/87
*	ED	4	8	3	7	0	3	0	06/06/89	Valorose, Jr. <i>et al.</i>	424	456	10/06/87
*	EE	4	8	6	1	7	9	4	08/29/89	Otterness	514	414	04/13/88
*	EF	4	8	7	0	1	0	1	09/26/89	Ku <i>et al.</i>	514	476	02/18/88
*	EG	4	9	2	5	8	3	3	05/15/90	McNamara <i>et al.</i>	514	152	12/29/86
*	EH	4	9	3	5	4	1	2	06/19/90	McNamara <i>et al.</i>	514	152	07/13/87
*	EI	4	9	3	5	4	2	2	06/19/90	Patil	514	237.5	12/15/88
*	EJ	4	9	5	2	6	7	5	08/28/90	Mathews <i>et al.</i>	530	383	12/29/88
*	EK	4	9	7	5	4	6	7	12/04/90	Ku <i>et al.</i>	514	712	03/26/90

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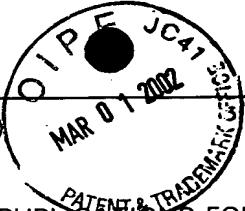
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Mail date: 02/20/02

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE
*	EL	4	9	7	7	2	4	6		12/11/90	Lee <i>et al.</i>	530	383	06/06/89
*	EM	4	9	9	4	5	5	3		02/19/91	Schmidt <i>et al.</i>	530	327	06/17/88
*	EN	5	0	1	1	8	5	7		04/30/91	Ku <i>et al.</i>	514	653	07/28/89
*	EO	5	0	2	1	4	0	7		06/04/91	Levy	514	154	04/11/86
*	EP	5	0	2	8	4	2	0		07/02/91	Masegi <i>et al.</i>	424	85.1	07/26/88
*	EQ	5	0	3	4	4	1	2		07/23/91	Ku <i>et al.</i>	514	529	12/19/90
*	ER	5	0	3	9	6	9	5		08/13/91	Parker <i>et al.</i>	514	422	02/27/90
*	ES	5	0	4	1	5	5	4		08/20/91	Parker <i>et al.</i>	548	532	02/23/90
*	ET	5	0	5	9	5	9	5		10/22/91	Le Grazie	424	468	03/20/90
*	EU	5	0	7	1	8	5	2		12/10/91	Walker	514	272	12/01/89
*	EV	5	0	7	3	5	4	3		12/17/91	Marshall <i>et al.</i>	514	21	07/21/88
*	EW	5	0	7	5	2	2	2		12/24/91	Hannum <i>et al.</i>	435	69.1	04/06/90
*	EX	5	0	7	5	2	9	5		12/24/91	Zupan <i>et al.</i>	514	153	12/12/89
*	EY	5	1	1	8	5	0	0		06/02/92	Hanel <i>et al.</i>	424	85.1	05/25/89
*	EZ	5	1	2	0	5	4	8		06/09/92	McClelland <i>et al.</i>	424	473	11/07/89
*	FA	5	1	3	6	0	2	1		08/04/92	Dembinski <i>et al.</i>	530	350	02/27/90
*	FB	5	1	8	0	8	1	2		01/19/93	Dower <i>et al.</i>	530	351	12/21/89
*	FC	5	1	8	3	6	5	8		02/02/93	Lee <i>et al.</i>	424	89	11/16/89
*	FD	5	1	9	2	7	9	0		03/09/93	Goddard <i>et al.</i>	514	414	12/17/91
*	FE	5	2	1	5	8	9	9		06/01/93	Dattagupta	435	6	08/23/90
*	FF	5	2	2	3	2	4	8		06/29/93	McNamara <i>et al.</i>	424	49	02/11/91
*	FG	5	2	3	1	0	2	4		07/27/93	Moeller <i>et al.</i>	435	240.27	09/08/87
*	FH	5	2	4	7	0	7	0		09/21/93	Yamada <i>et al.</i>	530	351	09/20/91

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*	FI	5	2	5	0	4	4	2		10/05/93	Cabezas	436	509	04/08/93
*	FJ	5	2	5	8	3	7	2		11/02/93	Levy	514	154	03/20/91
*	FK	5	2	6	2	1	7	3		11/16/93	Sheth <i>et al.</i>	424	494	03/02/92
*	FL	5	2	7	7	8	1	8		01/11/94	Matsuoka <i>et al.</i>	210	635	04/22/93
*	FM	5	2	7	7	9	1	6		01/11/94	Dwyer <i>et al.</i>	424	494	05/14/90
*	FN	5	2	8	6	8	4	7		02/15/94	Gehrke <i>et al.</i>	530	351	05/19/92
*	FO	5	2	9	8	4	2	3		03/29/94	Dalrymple <i>et al.</i>	435	320.1	11/14/91
*	FP	5	3	0	0	3	0	4		04/05/94	Sheth <i>et al.</i>	424	490	05/27/92
*	FQ	5	3	0	4	6	3	4		04/19/94	Schade	530	350	10/09/91
*	FR	5	3	0	6	7	3	2		04/26/94	Norris <i>et al.</i>	514	729	11/22/90
*	FS	5	3	0	8	8	3	9		05/03/94	Golub <i>et al.</i>	514	152	09/04/92
*	FT	5	3	1	0	8	7	7		05/10/94	Spencer	530	364	04/08/93
*	FU	5	3	1	9	0	7	1		06/07/94	Dower <i>et al.</i>	530	350	01/14/92
*	FV	5	3	2	1	0	1	7		06/14/94	Golub <i>et al.</i>	514	152	08/12/91
*	FW	5	3	3	4	3	8	0		08/02/94	Kilbourn <i>et al.</i>	424	85.2	06/30/92
*	FX	5	3	4	8	7	4	8		09/20/94	Sheth <i>et al.</i>	424	494	06/23/93
*	FY	5	3	5	0	6	8	3		09/27/94	Sims <i>et al.</i>	435	69.1	07/12/93
*	FZ	5	3	5	4	5	6	6		10/11/94	Addesso <i>et al.</i>	426	9	06/02/93
*	GA	5	3	5	9	0	3	9		10/25/94	Smith <i>et al.</i>	530	350	07/09/93
*	GB	5	3	6	0	7	1	6		11/01/94	Ohmoto <i>et al.</i>	435	7.2	02/16/93
*	GC	5	3	6	4	5	3	3		11/15/94	Ogura <i>et al.</i>	210	645	07/14/92
*	GD	5	3	8	7	7	0	3		02/07/95	Cakara <i>et al.</i>	552	203	10/20/93
*	GE	5	4	1	1	9	8	5		05/02/95	Bills <i>et al.</i>	514	460	05/17/93

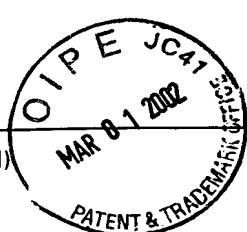
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*	GF	5	4	1	3	7	7	7	05/09/95	Sheth <i>et al.</i>	424	490	07/14/93
*	GG	5	4	2	0	1	5	4	05/30/95	Christensen, IV <i>et al.</i>	514	424	07/29/91
*	GH	5	4	2	2	1	0	4	06/06/95	Fiers <i>et al.</i>	424	85.1	11/20/91
*	GI	5	4	3	6	1	5	4	07/25/95	Barbanti <i>et al.</i>	435	240.27	12/13/91
*	GJ	5	4	5	3	4	9	0	09/26/95	Hageman <i>et al.</i>	530	350	08/30/94
*	GK	5	4	5	5	3	3	0	10/03/95	Haskill <i>et al.</i>	530	350	06/30/93
*	GL	5	4	6	4	9	3	7	11/07/95	Sims <i>et al.</i>	530	350	05/13/94
*	GM	5	4	6	4	9	3	8	11/07/95	Smith <i>et al.</i>	530	350	08/18/94
*	GN	5	4	7	8	9	2	5	12/26/95	Wallach <i>et al.</i>	530	351	08/07/92
*	GO	5	4	8	4	8	9	0	01/16/96	Johnson <i>et al.</i>	530	383	10/15/93
*	GP	5	4	8	6	4	6	3	01/23/96	Lesslauer <i>et al.</i>	435	69.5	01/01/93
*	GQ	5	4	8	8	0	3	2	01/30/96	Dower <i>et al.</i>	514	2	06/17/92
*	GR	5	4	9	2	8	8	8	02/20/96	Dower <i>et al.</i>	514	2	06/17/92
*	GS	5	4	9	4	6	7	1	02/27/96	Lai <i>et al.</i>	424	218.1	08/20/91
*	GT	5	5	0	8	2	6	2	04/16/96	Norman, Jr.	514	8	12/15/93
*	GU	5	5	1	9	0	0	0	05/21/96	Heavner <i>et al.</i>	514	12	04/01/94
*	GV	5	5	1	9	1	1	9	05/21/96	Yamada <i>et al.</i>	530	351	12/21/92
*	GW	5	5	2	3	2	9	7	06/04/96	Pruzanski <i>et al.</i>	514	152	04/21/95
*	GX	5	5	3	2	2	2	7	07/02/96	Golub <i>et al.</i>	514	152	12/21/94
*	GY	5	5	3	8	9	5	4	07/23/96	Koch <i>et al.</i>	514	53	06/24/94
*	GZ	5	5	4	1	2	1	9	07/30/96	Fenton <i>et al.</i>	514	432	03/04/93
*	HA	5	5	4	7	9	7	0	08/20/96	Weithmann <i>et al.</i>	514	378	03/28/95
*	HB	5	5	4	7	9	7	9	08/20/96	Christensen, IV <i>et al.</i>	514	424	04/19/95

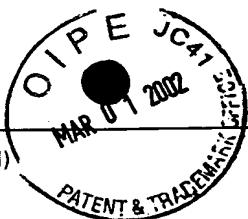
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EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE
*	HC	5	5	5	2	5	3	6		09/03/96	Nicholson <i>et al.</i>	536	23.1	04/08/94
*	HD	5	5	6	3	1	4	3		10/08/96	Cohan <i>et al.</i>	514	256	09/21/94
*	HE	5	5	8	2	9	9	8		12/10/96	Adolf	435	7.1	12/28/94
*	HF	5	5	9	1	7	6	7		01/07/97	Mohr <i>et al.</i>	514	413	06/06/95
*	HG	5	5	9	7	8	9	9		01/28/97	Banner <i>et al.</i>	530	351	03/24/94
*	HH	5	6	0	5	9	2	3		02/25/97	Christensen, IV <i>et al.</i>	514	417	03/05/93
*	HI	5	6	0	6	0	2	3		02/25/97	Chen <i>et al.</i>	530	351	05/24/94
*	HJ	5	6	1	6	4	9	0		04/01/97	Sullivan <i>et al.</i>	435	366	05/04/95
*	HK	5	6	2	6	3	2	1		05/06/97	Ulshafer, Jr.	248	231.41	02/27/95
*	HL	5	6	2	9	2	8	5		05/13/97	Black <i>et al.</i>	514	2	05/22/96
*	HM	5	6	3	9	4	7	6		06/17/97	Oshlack <i>et al.</i>	424	468	06/02/95
*	HN	5	6	4	1	7	5	1		06/24/97	Heavner	514	13	05/01/95
*	HO	5	6	4	6	1	5	4		07/08/97	Irie <i>et al.</i>	514	260	10/07/93
*	HP	5	6	4	8	3	5	9		07/15/97	Ohashi <i>et al.</i>	514	279	12/28/94
*	HQ	5	6	5	4	4	0	7		08/05/97	Boyle <i>et al.</i>	530	388.15	05/05/95
*	HR	5	6	5	6	2	7	2		08/12/97	Le <i>et al.</i>	424	133.1	02/04/94
*	HS	5	6	5	8	5	8	1		08/19/97	De Lacharriere <i>et al.</i>	424	401	12/28/95
*	HT	5	6	5	8	9	4	9		08/19/97	Aggarwal	514	557	11/30/94
*	HU	5	6	6	8	1	2	2		09/16/97	Fife <i>et al.</i>	514	152	05/01/95
*	HV	5	6	7	2	3	4	7		09/30/97	Aggarwal <i>et al.</i>	424	139.1	05/05/95
*	HW	5	6	7	4	5	3	3		10/07/97	Santus <i>et al.</i>	424	493	05/26/95
*	HX	5	6	9	1	3	8	2		11/25/97	Crimmin <i>et al.</i>	514	575	11/12/93
*	HY	5	6	9	5	9	5	3		12/09/97	Wallach <i>et al.</i>	435	69.1	04/30/92

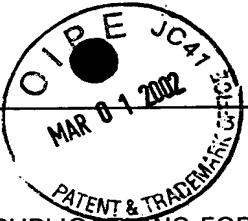
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*	HZ	5	6	9	8	1	9	5			12/16/97	Le <i>et al.</i>	424	133.1	10/18/94
*	IA	5	7	0	3	0	9	2			12/30/97	Xue <i>et al.</i>	514	303	04/16/96
*	IB	5	7	0	5	3	8	9			01/06/98	Braham <i>et al.</i>	435	375	11/18/94
*	IC	5	7	1	2	3	8	1			01/27/98	Lin <i>et al.</i>	536	23.5	08/15/96
*	ID	5	7	3	3	5	6	6			03/31/98	Lewis	424	426	10/30/95
*	IE	5	7	3	9	2	8	2			04/14/98	Colotta <i>et al.</i>	530	350	06/07/95
*	IF	5	7	4	1	4	8	8			04/21/98	Feldman <i>et al.</i>	424	154.1	10/06/93
*	IG	5	7	4	4	4	5	1			04/28/98	Allen <i>et al.</i>	514	18	08/13/96
*	IH	5	7	5	0	5	0	3			05/12/98	Alber <i>et al.</i>	514	12	05/05/95
*	II	5	7	5	3	6	2	8			05/19/98	Heavner <i>et al.</i>	514	17	06/07/95
*	IJ	5	7	6	3	4	4	6			06/09/98	Sadun <i>et al.</i>	514	263	03/26/92
*	IK	5	7	6	7	0	6	4			06/16/98	Sims <i>et al.</i>	514	2	05/16/95
*	IL	5	7	7	0	5	8	8			06/23/98	McNamara <i>et al.</i>	514	152	01/23/96
*	IM	5	7	7	3	4	3	0			06/30/98	Simon <i>et al.</i>	514	152	03/13/97
*	IN	5	7	7	3	5	8	2			06/30/98	Shin <i>et al.</i>	530	351	10/04/95
*	IO	5	7	7	6	8	9	5			07/07/98	Alber <i>et al.</i>	514	12	01/23/95
*	IP	5	7	7	6	9	4	7			07/07/98	Kroemer <i>et al.</i>	514	312	06/10/94
*	IQ	5	7	8	6	3	4	2			07/28/98	Carpenter <i>et al.</i>	514	54	06/05/95
*	IR	5	7	8	9	3	9	5			08/04/98	Amin <i>et al.</i>	514	152	08/30/96
*	IS	5	7	9	5	9	6	7			08/18/98	Aggarwal <i>et al.</i>	530	388.23	06/07/95
*	IT	5	8	0	4	5	9	9			09/08/98	Tanaka <i>et al.</i>	514	475	09/27/95
*	IU	5	8	0	8	0	2	9			09/15/98	Brockhaus <i>et al.</i>	536	23.5	05/19/95
*	IV	5	8	1	1	2	6	1			09/22/98	Wallach <i>et al.</i>	435	69.1	09/24/93

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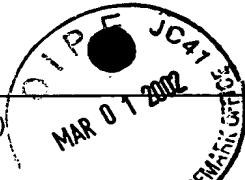
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*	IW	5	8	1	7	4	7	6		10/06/98	Lin <i>et al.</i>		435	69.1	06/07/95
*	IX	5	8	2	7	8	4	0		10/27/98	Ramamurthy <i>et al.</i>		514	152	08/01/96
*	IY	5	8	3	7	4	9	5		11/17/98	Colotta <i>et al.</i>		435	69.1	08/13/97
*	IZ	5	8	4	3	6	7	5		12/01/98	Lin <i>et al.</i>		435	7.1	02/15/96
*	JA	5	8	4	3	9	0	4		12/01/98	Bemis <i>et al.</i>		514	18	12/20/95
*	JB	5	8	4	7	0	9	9		12/08/98	Lin <i>et al.</i>		536	23.5	05/17/96
*	JC	5	8	4	9	5	0	1		12/15/98	Lin <i>et al.</i>		435	7.1	06/19/95
*	JD	5	8	5	1	5	5	6		12/22/98	Breton <i>et al.</i>		424	639	04/10/96
*	JE	5	8	5	2	1	7	3		12/22/98	Lin <i>et al.</i>		530	350	09/26/95
*	JF	5	8	6	1	5	1	0		01/19/99	Piscopio <i>et al.</i>		544	131	04/20/95
*	JG	5	8	6	3	7	6	9		01/26/99	Young		435	69.52	01/28/97
*	JH	5	8	6	3	7	8	6		01/26/99	Feldmann <i>et al.</i>		435	252.3	06/06/95
*	JI	5	8	6	9	5	1	1		02/09/99	Cohan <i>et al.</i>		514	378	02/03/95
*	JJ	5	8	7	2	1	4	6		02/16/99	Baxter <i>et al.</i>		514	417	04/04/97
*	JK	5	8	7	7	1	5	1		03/02/99	Pereira		514	12	04/21/97
*	JL	5	8	8	6	0	1	0		03/23/99	Mori <i>et al.</i>		514	312	12/18/95
*	JM	6	0	2	0	4	7	7		02/01/00	Diu <i>et al.</i>		536	23.5	08/01/95
*	JN	6	0	7	1	5	1	4		06/06/00	Grinnell <i>et al.</i>		424	94.64	06/03/98
*	JO	6	0	7	1	5	1	6		06/06/00	Gonzalez <i>et al.</i>		424	130.1	04/01/99

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes	No
*	JP	0	0	3	8	8	4	1		06/07/73	JP			X	
*	JQ	1	3	4	4	6	4	5		10/21/63	FR			X	

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FORM PTO-1449 (Modified)



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FILING DATE January 3, 2002	GROUP 1646

\*\* Copies of articles not enclosed.

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*	JR	9	8	2	3	2	8	4		06/04/98	PCT			
*	JS	9	9	5	8	1	3	1		11/18/99	PCT			

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*	JX	Alford et al., Comparison of the inflammatory responses of mice infected with American and Australian <i>Trichinella pseudospiralis</i> or <i>Trichinella spiralis</i> , <u>28</u> :343-8 (1998)
*	JY	Andus et al., High Concentrations of Soluble Tumor Necrosis Factor Receptors in Ascites <i>Hepatol.</i> , <u>16</u> (3):749-55 (1992)
*	JZ	Antin et al., Recombinant Human Interleukin-1 Receptor Antagonist in the Treatment of Steroid-Resistant Graft-Versus-Host Disease, <i>Blood</i> , <u>84</u> (4):1342-1348 (1994)
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*	KR	Beer et al., Characteristics of Filoviridae: Marburg and Ebola viruses, <i>Naturwissenschaften</i> , <u>86</u> :8-17 Springer-Verlag (1999)
*	KS	Bendele et al., Cutaneous mast cell degranulation in rats receiving injections of recombinant human interleukin-1 receptor antagonist (rhIL-1ra) and/or its vehicle: Possible clinical implications, <i>J. Lab. Clin. Med.</i> , <u>125</u> (4): 493-500 (1995)
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*	LA	Blackwood et al., 6-Methylenetetracyclines III. Preparation and properties, <i>J. Am. Chem. Soc.</i> , <u>85</u> :3943 (1963)
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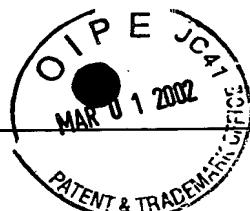
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*	LG	Boxaca et al., Modification of Junin virus neutropism in the guinea pig model, <i>Acta Virol.</i> , <u>28</u> (3):198-203 (1984)
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*	LN	Brown et al., Abstract: Antibiotic Therapy of rheumatoid Arthritis: An Observational Cohort Study of 98 Patients with 451 Patient-years of Follow-up (1985)
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*	ME	Chouaib et al., More insights into the complex physiology of TNF, <i>Immunol.</i> , <u>12</u> :141 (1991)
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*	NE	de Bilbao et al., Acute application of an interleukin-1B-converting enzyme-specific inhibitor delays axotomy-induced motoneurone death, <i>Neuroreport</i> , 7(18):3051-4 (1996)
*	NF	Dembic et al., Two human TNF receptors have similar extracellular, but distinct intracellular, domain sequences, <i>Cytokine</i> , 2(4):231-237 (1990)

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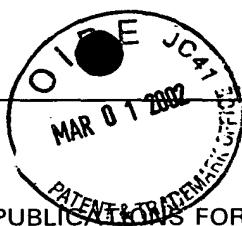
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**LIST OF PATENTS AND PUBLICATIONS FOR  
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*	NG	Demby et al., Early Diagnosis of Lassa Fever by Revers Transcription-PCR, <i>J. Clin. Microbiol.</i> , <u>32</u> :2898-2903 (1994)
*	NH	<i>Dengue Haemorrhagic fever: Diagnosis, treatment, prevention and control</i> 2nd edition. World Health Organization, Geneva (1997)
*	NI	Despres et al., Differences Between Cell Membrane Fusion Activities of Two Dengue Type-1 Isolates Reflect Modifications of Viral Structure, <i>Virol.</i> , <u>196</u> :209-19 (1993)
*	NJ	Deubel, et al., Nucleotide sequence and deduced amino acid sequence of the structural proteins of dengue type 2 virus, Jamaica genotype, <i>Virol.</i> , <u>155</u> (2):365-77 (1986)
*	NK	Deubel et al., Identification of dengue sequences by genomic amplification: rapid diagnosis of dengue virus serotypes in peripheral blood, <i>J. Virol. Methods</i> , <u>30</u> :41-54 (1990)
*	NL	Deubel, et al., Nucleotide sequence and deduced amino acid sequence of the nonstructural proteins of dengue type 2 virus, Jamaica genotype: comparative analysis of the full-length genome, <i>Virol.</i> , <u>165</u> (1):234-44 (1988)
*	NM	Dharakul, et al., Dengue Virus-Specific Memory T Cell Responses in Human Volunteers Receiving a Live Attenuated Dengue Virus Type 2 Candidate Vaccine, <i>J. Infect. Dis.</i> , <u>170</u> (1):27-33 (1994)
*	NN	Dinarello CA, Thompson RC., Blocking IL-1: interleukin 1 receptor antagonist <i>in vivo</i> and <i>in vitro</i> , <i>Immunol.</i> , <u>12</u> (11):404-10 (1991)
*	NO	Dinarello CA., Interleukin-1 and Interleukin-1 Antagonism, <i>Blood</i> , <u>77</u> (8):1627-52 (1991)
*	NP	Dinarello CA, Wolff SM., The Role of Interleukin-1 in Disease, <i>New Eng. J. Med.</i> , <u>328</u> (2):106-13 (1993)
*	NQ	Dinarello, CA., Blocking interleukin-1 receptors, <i>Int. J. Clin. Lab. Res.</i> , <u>24</u> :61-79 (1994)
*	NR	Dinarello, The biological properties of interleukin-1, <i>Eur. Cytokine Netw.</i> , <u>5</u> (6):517-522 (1994)
*	NS	Dmitriev et al., Immunization with recombinant vaccinia viruses expressing structural and part of the nonstructural region of tick-borne encephalitis virus cDNA protect mice against lethal injection, <i>J. Biotechnol.</i> , <u>44</u> :97-103 (1996)
*	NT	Dolle et al., Pyridazinodiazepines as a high-affinity P2-P3 peptidomimetic class of interleukin-1 $\beta$ -converting enzyme inhibitor, <i>J. Med. Chem.</i> , <u>40</u> (13):1941-6 (1997)

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*	NU	Dolle et al., Aspartyl $\alpha$ -((1-Phenyl-3-(trifluoromethyl)-pyrazol-5-yl)oxy)methyl Ketones as interleukin-1 $\beta$ converting enzyme inhibitors. Significance of the P1 and P3 amido nitrogens for enzyme-peptide inhibitor binding, <i>J. Med. Chem.</i> , <u>37</u> (23):3863-6 (1994)
*	NV	Dripps et al., Interleukin-1 (IL-1) Receptor Antagonist Binds to the 80-kDa IL-1 Receptor but Does Not Initiate IL-1 Signal Transduction, <i>J. Biol. Chem.</i> , <u>266</u> (16):10331-6 (1991)
*	NW	Duangchanda, et al., Comparative nucleotide and deduced amino acid sequence of the envelope glycoprotein gene among three dengue virus type 2 strains isolated from patients with different disease severities in Maha Sarakham, northeast Thailand, <i>Southeast Asian J. Trop. Med. Public Health</i> , <u>25</u> (2):243-51 (1994)
*	NX	Duggar, Aureomycin: a product of the continuing search for new antibiotics, <i>Ann. N. Y. Acad. Sci.</i> , <u>51</u> :177 (1948)
*	NY	Eddy, et al., Protection of monkeys against Machupo virus by the passive administration of Bolivian haemorrhagic fever immunoglobulin (human origin), <i>Bull. World Health Organ.</i> , <u>52</u> (4-6):723-7 (1975)
*	NZ	Eisenberg et al., Primary structure and functional expression from complementary DNA of a human interleukin-1 receptor antagonist, <i>Nature</i> , <u>343</u> :341-346 (1990)
*	OA	Eklund KK, Sorsa T., Tetracycline Derivative CMT-3 Inhibits Cytokine Production, Degranulation, and Proliferation in Cultured Mouse and Human Mast Cells, <i>Ann. N. Y. Acad. Sci.</i> , <u>878</u> :689-91 (1999)
*	OB	Elford et al., Reduction of inflammation and pyrexia in the rat by oral administration of SDZ 224-015, an inhibitor of the interleukin-1 $\beta$ converting enzyme, <i>Br. J. Pharmacol.</i> , <u>115</u> (4):601-6 (1995)
*	OC	Elliot et al., Repeated therapy with monoclonal antibody to tumour necrosis factor alpha (cA2) in patients with rheumatoid arthritis, <i>LANCET</i> , <u>344</u> :1125-1127 (1994)
*	OD	Elliot et al., Randomised double-blind comparison of chimeric monoclonal antibody to tumor necrosis factor $\alpha$ (cA2) versus placebo in rheumatoid arthritis, <i>LANCET</i> , <u>344</u> :1105-10 (1994)
*	OE	Elliot et al., Treatment of Rheumatoid Arthritis with Chimeric Monoclonal Antibodies to Tumor Necrosis Factor $\alpha$ , <i>Arthritis &amp; Rheumatism</i> , <u>36</u> (12):1681-90 (1993)
*	OF	Elliot et al., Repeated therapy with monoclonal antibody to tumour necrosis factor $\alpha$ (cA2) in patients with rheumatoid arthritis, <i>LANCET</i> , <u>344</u> :1125-7 (1994)

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*	OG	Elliott et al., Improved specificity of testing methods for filovirus antibodies, <i>J. Virol. Methods</i> , <u>43</u> :85-89 (1993)
*	OH	Engelmann et al., Two tumor necrosis factor-binding proteins purified from human urine evidence for immunological cross-reactivity with cell surface tumor necrosis factor receptors, <i>J. Biol. Chem.</i> , <u>265</u> :1541 (1990)
*	OI	Enria et al., Current status of the treatment of Argentine hemorrhagic fever, <i>Med. Microbiol. Immunol.</i> , <u>175</u> :173-176 (1986)
*	OJ	Estrov et al., Effect of interleukin-1 $\beta$ converting enzyme inhibitor on acute myelogenous leukemia progenitor proliferation, <i>Blood</i> , <u>86</u> (12):4594-602 (1995)
*	OK	European Patent Office: Patent Abstracts of Japan. Publication Number: 04178359 Publication Date: 06/25/92; Tetracycline Derivative, JPO@Japio
*	OL	Falgout et al., Both nonstructural proteins NS2B and NS3 are required for the proteolytic processing of dengue virus nonstructural proteins, <i>J. Virol.</i> , <u>65</u> :2467-75 (1991)
*	OM	Falgout et al., Proper processing of dengue virus nonstructural glycoprotein NS1 requires the N-terminal hydrophobic signal sequence and the downstream nonstructural protein NS2a, <i>J. Virol.</i> , <u>63</u> :1852-60 (1989)
*	ON	Feldmann and Slenczka Klenk, Emerging and reemerging of filoviruses, <i>Arch. Virol.</i> <u>11</u> (Suppl):77-100 (1996)
*	OO	Feldmann et al., Filovirus-induced endothelial leakage triggered by infected monocytes/macrophages, <i>J. Virol.</i> , <u>70</u> :2208-2214 (1996)
*	OP	Feldmann et al., Glycosylation and Oligomerization of the Spike Protein of Marburg Virus, <i>Virol.</i> , <u>182</u> :353-356 (1991)
*	OQ	Ferretti et al., Neutralization of Endogenous IL-1 receptor Antagonist Exacerbates and Prolongs Inflammation in Rabbit Immune Colitis, <i>J. Clin. Invest.</i> , <u>94</u> :449-53 (1994)
*	OR	Fidarov, et al., The cultivation and physicochemical properties of the Josiah strain of the Lassa virus, <i>Vopr Virusol.</i> , <u>35</u> (4):326-9 (1990)
*	OS	Finlay et al., Terramycin, a new antibiotic, <i>Science</i> , <u>111</u> :85 (1950)
*	OT	Fischer et al., Interleukin-1 Receptor Antagonist Circulates in Experimental Inflammation and in Human Disease, <i>Blood</i> , <u>79</u> (9):2196-2200 (1992)
*	OU	Fisher et al., Recombinant Human Interleukin 1 Receptor Antagonist in the Treatment of Patients with Sepsis Syndrome, <i>JAMA</i> , <u>271</u> (23):1836-43 (1994)

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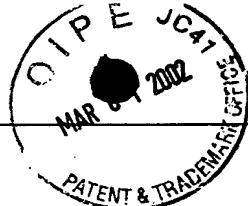
*	OV	Fisher et al., Treatment of Septic Shock with the Tumor Necrosis Factor Receptor:Fc Fusion Protein, <i>New Eng. J. Med.</i> , <u>334</u> (26):1697-1702 (1996)
*	OW	Fisher-Hoch et al., Physiological and Immunologic Disturbances Associated with Shock in a Primate Model of Lassa Fever, <i>J. Infect. Dis.</i> , <u>155</u> :465-474 (1987)
*	OX	Fisher-Hoch SP., Stringent Precautions Are <i>not</i> Advisable when Caring for Patients with Viral Haemorrhagic Fevers, <i>Rev. Med. Virol.</i> , <u>3</u> :7-13 (1993)
*	OY	Fisher-Hoch SP, Simpson DIH., Dangerous Pathogens, <i>Brit. Med. Bull.</i> , <u>41</u> (4):391-5 (1985)
*	OZ	Fisher-Hoch et al., Pathophysiology of shock and hemorrhage in a fulminating viral infection (ebola), <i>J. Infect. Dis.</i> , <u>152</u> :887-894 (1985)
*	PA	Fisher-Hoch, et al., Protection of rhesus monkeys from fatal Lassa fever by vaccination with a recombinant vaccinia virus containing the Lassa virus glycoprotein gene, <i>Proc. Natl. Acad. Sci. USA</i> , <u>86</u> (1):317-21 (1989)
*	PB	Fletcher et al., A Synthetic Inhibitor of Interleukin-1 $\beta$ Converting Enzyme Prevents Endotoxin-Induced Interleukin-1 $\beta$ Production <i>In Vitro</i> and <i>In Vivo</i> , <i>J. Interferon Cytokine Res.</i> , <u>5</u> (3):243-8 (1995)
*	PC	Forberg et al., Viral Haemorrhagic Fever in Sweden: Experiences from Management of a Case, <i>Scand. J. Infect. Dis.</i> , <u>23</u> :143-51 (1991)
*	PD	Frigerio et al., Cartas Al Comite De Redaccion, <i>Medicina(B-Aires)</i> , <u>38</u> (5):603-4 (9178)
*	PE	Fu et al., Full-length cDNA sequence of dengue type 1 virus (Singapore strain S275/90), <i>Virol.</i> , <u>188</u> (2):953-8 (1992)
*	PF	Fujiwara et al., Specific inhibition of interleukin 1 $\beta$ gene expression by an antisense oligonucleotide: obligatory role of interleukin 1 in the generation of lymphokine-activated killer cells, <i>Cancer Res.</i> , <u>52</u> (18):4954-9 (1992)
*	PG	Ghiringhelli et al., The glycoprotein precursor gene of the attenuated Junin virus vaccine strain (Candid #1), <i>Am. J. Trop. Med. Hyg.</i> , <u>56</u> (2):216-25 (1997)
*	PH	Girardin et al., Imbalance between tumour necrosis factor-alpha and soluble TNF receptor concentrations in severe meningococcaemia, <i>Immunol.</i> , <u>76</u> :20-3 (1992)
*	PI	Giri et al., Identification of Soluble Interleukin-1 Binding Protein in Cell-free Supernatants, <i>J. Biol. Chem.</i> , <u>265</u> (29):17416-9 (1990)

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*	PJ	Granowitz et al., Interleukin-1 Receptor Antagonist Competitively Inhibits the Binding of Interleukin-1 to the Type II Interleukin-1 Receptor, <i>J. Biol. Chem.</i> , <u>266</u> (22):14147-50 (1991)
*	PK	Gray et al., Cloning and expression of cDNA for human lymphotoxin, a lymphokine with tumor necrosis activity, <i>Nature</i> , <u>312</u> :721 (1984)
*	PL	Green, et al., Dengue virus-specific human CD4+ T-lymphocyte responses in a recipient of an experimental live-attenuated dengue virus type 1 vaccine: bulk culture proliferation, clonal analysis, and precursor frequency determination, <i>J Virol.</i> , <u>67</u> (10):5962-7 (1993)
*	PM	Gruenberg, et al., Partial nucleotide sequence and deduced amino acid sequence of the structural proteins of dengue virus type 2, New Guinea C and PUO-218 strains, <i>J. Gen. Virol.</i> , <u>69</u> (6):1391-8 (1988)
*	PN	Gu, et al., Isolation of a strain of Hantan virus from peritoneal exudate cells of a patient with hemorrhagic fever with renal syndrome, <i>Chin. Med. J. (Engl.)</i> , <u>103</u> (6):455-9 (1990)
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*	PP	Hannum et al., Interleukin-1 receptor antagonist activity of a human interleukin-1 inhibitor, <i>Nature</i> , <u>343</u> :336-340 (1990)
*	PQ	Harcourt et al., Ebola Virus Selectively Inhibits Responses to Interferons, but Not to Interleukin-1 $\beta$ , in Endothelial Cells, <i>J. Virol.</i> , <u>73</u> (4):3491-96 (1999)
*	PR	Heider et al. Genotypic characterization of mumps virus isolated in Russia (Siberia), <i>Res. Virol.</i> , <u>148</u> :433-5 (1997)
*	PS	Heider et al. Comparative investigation of the long non-coding M-F genome region of wild-type and vaccine measles viruses, <i>Arch. Virol.</i> , <u>142</u> :2521-8 (1997)
*	PT	Heller et al., Increased tumor necrosis factor- $\alpha$ levels in argentine hemorrhagic fever, <i>J. Infect. Dis.</i> , <u>166</u> :1203 (1992)
*	PU	Henchal et al., Rapid identification of dengue virus isolates by using monoclonal antibodies in an indirect immunofluorescence assay, <i>Am. J. Trop. Med. Hyg.</i> , <u>1983</u> , <u>32</u> :164-9
*	PV	Henchal et al., Dengue virus-specific and flavivirus group determinants identified with monoclonal antibodies by indirect immunofluorescence, <i>Am. J. Trop. Med. Hyg.</i> , <u>1982</u> , <u>51</u> :830-6

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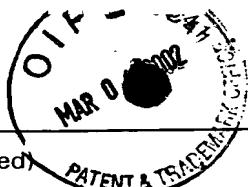
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*	PW	Henchal et al., Sensitivity and specificity of a universal primer set for the rapid diagnosis of dengue virus infections by polymerase chain reaction and nucleic acid hybridization, <i>Am. J. Trop. Med. Hyg.</i> , <u>45</u> :418-28 (1991)
*	PX	Hevey, et al., Antigenicity and Vaccine Potential of Marburg Virus Glycoprotein Expressed by Baculovirus Recombinants, <i>Virol.</i> , <u>239</u> (1):206-16 (1997)
*	PY	Hiramatsu, et al., Mutational Analysis of a Neutralization Epitope on the Dengue Type 2 Virus (DEN2) Envelope Protein: Monoclonal Antibody Resistant DEN2/DEN4 Chimeras Exhibit Reduced Mouse Neurovirulence, <i>Virol.</i> , <u>224</u> (2):437-45 (1996)
*	PZ	Hoke, et al., Preparation of an attenuated dengue 4 (34170 Carib) virus vaccine. II. Safety and immunogenicity in humans, <i>Am. J. Trop. Med. Hyg.</i> , <u>43</u> (2):219-26 (1990)
*	QA	Holler et al., Modulation of acute graft-versus-host disease after allogeneic bone marrow transplantation by tumor necrosis factor $\alpha$ (TNF $\alpha$ ) release in the course of pretransplant conditioning: role of conditioning regimens and prophylactic application of a monoclonal antibody neutralizing human TNF $\alpha$ (MAK 195F), <i>Blood.</i> , <u>86</u> (3):890-0 (1995)
*	QB	Horejsi, et al, The isolation of gamma globulin from blood-serum by rivanol, <i>Acta Med. Scand.</i> , <u>155</u> :65 (1956)
*	QC	Houri et al., Tetracycline inhibits <i>Porphyromonas gingivalis</i> lipopolysaccharide-induced lesions <i>in vivo</i> and TNF $\alpha$ processing <i>in vitro</i> , <i>J. Periodontal Res.</i> , <u>32</u> :183-88 (1997)
*	QD	Huggins et al., Antiviral drug therapy of Filovirus infections: S-adenosylhomocysteine hydrolase inhibitors inhibit ebola virus <i>in vitro</i> and in lethal mouse model, <i>J. Infect. Dis.</i> , <u>179</u> (Supp1):S240-247 (1999)
*	QE	Huo-sheng, et al., Amplification of Dengue 2 Virus Ribonucleic Acid Sequence Using the Polymerase Chain Reaction, <i>Southeast Asian J. Trop. Med. Public Health</i> , <u>23</u> (1):30-6 (1992)
*	QF	Igarashi et al., Isolation of a Singh's <i>Aedes albopictus</i> Cell Clone Sensitive to Dengue and Chikungunya Viruses, <i>J. Gen. Virol.</i> , <u>1978</u> , <u>40</u> :531-44
*	QG	Ignat'ev et al., The immunological indices of guinea modelling Marburg hemorrhagic fever, <i>Voprsoy Virusologii</i> , <u>39</u> (4):169-71 (1994)
*	QH	Ignat'ev et al., The immunity indices of animals immunized with the inactivated Marburg virus after infection with homologous virus, <i>Voprsoy Virusologii</i> , <u>39</u> :13-17 (1994)
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*	QJ	Ignat'ev, Immune response to Filovirus infections, <i>Curr. Top. Microbiol. Immunol.</i> , <u>235</u> :205-217 (1999)
*	QK	Ignat'ev et al., Immunity indices in the personnel involved in hemorrhagic virus investigation, In: Berg D. A. (ed) Proceedings of the 1996 ERDEC scientific conference on chemical and biological defense research, November 19-22, 1996, pp. 323-330 (1996)
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*	QN	Ignat'ev et al., Inactivated Marburg virus elicits a nonprotective immune response in Rhesus monkeys, <i>J. Biotechnol.</i> , <u>44</u> :111-118 (1996).
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*	QP	Ignat'ev et al., Effects of tumor necrosis factor antiserum of the course of Marburg hemorrhagic fever, <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , <u>(3)</u> :35-8 (1998)
*	QQ	Irie, et al., Sequence analysis of cloned dengue virus type 2 genome (New Guinea-C strain), <i>Gene</i> , <u>75</u> (2):197-211 (1989)
*	QR	Irie et al., Sequence analysis of cloned dengue virus type 2 genome (New Guinea-C strain), <i>Gene</i> , <u>74</u> :197-211 (1989)
*	QS	IUPAC-IUB commission on biochemical nomenclature symbols for amino-acid derivatives and peptides recommendations <i>Biochem.</i> , <u>11</u> :1726 (1972)
*	QT	Ivanov et al., Indirect enzyme-immunoassay for laboratory diagnosis of lassa and ebola hemorrhagic fevers, <i>Vopr Virusol.</i> , <u>31</u> (2):186-90 (1986)
*	QU	Jaax, et al., Transmission of Ebola virus (Zaire strain) to uninfected control monkeys in a biocontainment laboratory, <i>LANCET</i> , <u>346</u> (8991-8992):1669-71 (1995)
*	QV	Jahrling, et al., Evaluation of immune globulin and recombinant interferon- $\alpha$ 2b for treatment of experimental ebola virus infections, <i>J. Infect. Dis.</i> , <u>179</u> (Suppl 1):S224-34 (1999)
*	QW	Jahrling, Protection of Lassa virus-infected guinea pigs with Lassa-immune plasma of guinea pig, primate, and human origin, <i>J. Med. Virol.</i> , <u>12</u> (2):93-102 (1983)

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LIST OF PATENTS AND PUBLICATIONS FOR  
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ATTY. DOCKET NO. 24881-301D	SERIAL NO. 10/038,557
APPLICANT FREDEKING <i>et al.</i>	
FILING DATE January 3, 2002	GROUP 1646

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*	RE	Kaliberov et al. Experimental Study of the Possibility of Urgent Prevention of Bolivian Hemorrhagic Fever, <i>Voprosy Virusologii</i> , <u>40</u> (5): 211-5 (1995)
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*	RJ	Keystone et al., The Role of Tumor Necrosis Factor Antagonism in Clinical Practice, <i>The J. Rheumatol.</i> , <u>26</u> (Suppl 57):22-8 (1999)
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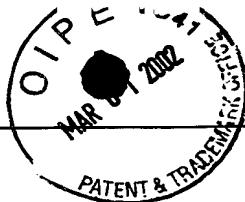
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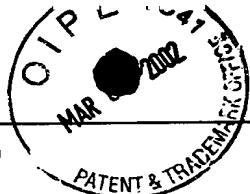
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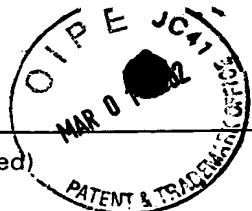
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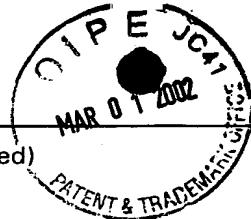
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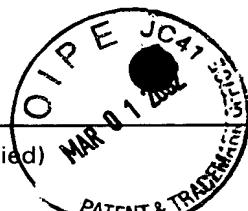
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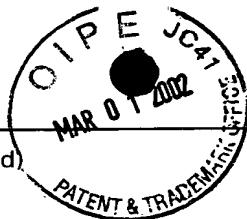
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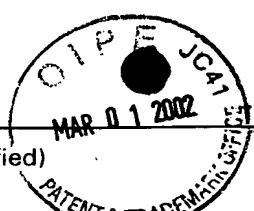
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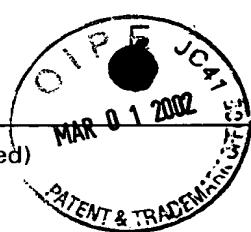
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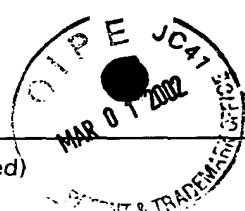
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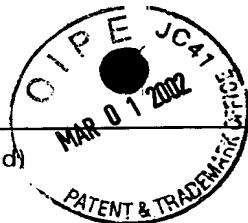
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\*\* Copies of articles not enclosed.

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

*	YG	Yahata et al., Antisense phosphorothioate oligonucleotide inhibits interleukin 1 $\beta$ production in the human macrophage-like cell line, U937, <i>Antisense Nucl. Acid Drug Dev.</i> , <u>6</u> (1):55-61 (1996)
*	YH	Yang et al., A model to study cytokine profiles in primary and heterologously secondary Dengue-2 virus infections, <i>Acta Virol.</i> , <u>39</u> (1):19-21 (1995)
*	YI	Yoo, et al., Comparison of virulence between Seoul virus strain SR-11 and Hantaan virus strain 76-118 of hantaviruses in newborn mice, <i>Microbiol. Immunol.</i> , <u>37</u> (7):557-62 (1993)
*	YJ	Yoshimatsu, et al., Characterization of the nucleocapsid protein of Hantaan virus strain 76-118 using monoclonal antibodies, <i>J. Gen. Virol.</i> , <u>77</u> (4):695-704 (1996)
*	YK	Zaki, et al., A novel immunohistochemical assay for the detection of ebola virus in skin: implications for diagnosis, spread, and surveillance of ebola hemorrhagic fever, <i>J. Infect. Dis.</i> , <u>179</u> (Suppl1):S36-47 (1999)
*	YL	Zerek-Melen et al., Influence of interleukin 1 and antihuman interleukin 1 receptor antibody on the growth and function of the thyroid gland in rats, <i>Eur. J. Endocrinol.</i> , <u>131</u> (5):531-4 (1994)
*	YM	Zulkarnain, et al., Molecular Comparison of Dengue Type 1 Monchizuki Strain Virus and Other Selected Viruses Concerning Nucleotide and Amino Acid Sequences of Genomic RNA: A Consideration of Viral Epidemiology and Variation, <i>Micobiol. Immunol.</i> , <u>38</u> (7):581-5 (1994)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: **COMPOSITIONS AND METHODS FOR TREATING HEMORRHAGIC VIRUS INFECTIONS AND OTHER DISORDERS**

Mail date: 02/20/02